

# METHOD AND RELATED APPARATUS FOR NON-INTEGER FREQUENCY DIVISION

## Abstract

A method includes generating N reference clocks with period T and phases uniformly distributed in 360 degrees; using each of the N reference clocks to trigger M intermediate signals with period  $M*T$  and phases uniformly distributed in 360 degrees; and performing a logic operation between at least two intermediate signals respectively corresponding to two different reference clocks to generate an output clock with period  $(M/N)*T$  to achieve non-integer frequency division.